

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	thicken\$4 same (acrylic or methacrylic or maleic) adj acid same ((((\$4ethylene or \$4propylene or \$4methylene or \$4butylene) near2 (oxide or glycol) or ethoxylate or propoxylate or oxyethylene or oxypropylene) near2 (acrylate or methacrylate or maleate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:40
L2	0	l1 and filler and solid near (portion or content or amount or mass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:37
L3	7	l1 and (filler or inorganic) and solid near (portion or content or amount or mass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:42
L4	7	l1 and (filler or inorganic) and solid\$2 near (portion or content or amount or mass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:39
L5	64	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((((\$4ethylene or \$4propylene or \$4methylene or \$4butylene) near2 (oxide or glycol) or ethoxylate or propoxylate or oxyethylene or oxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) or (polyoxyethylene or polyoxypropylene) near2 (acrylate or methacrylate or maleic near2 acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:42
L6	8	l5 and (filler or inorganic) and solid near (portion or content or amount or mass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:42
L7	1	l6 not l4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:42
L8	8515	(acrylic or methacrylic or maleic) near acid same ((((\$4ethylene or \$4propylene or \$4methylene or \$4butylene) near2 (oxide or glycol) or ethoxylate or propoxylate or oxyethylene or oxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) or (polyoxyethylene or polyoxypropylene) near2 (acrylate or methacrylate or maleic near2 acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:43
L9	2758	(acrylic or methacrylic or maleic) near acid same ((((\$4ethylene or \$4propylene or \$4methylene or \$4butylene) near2 (oxide or glycol) or ethoxylate or propoxylate or oxyethylene or oxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) or (polyoxyethylene or polyoxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) and (water or aqueous) with (latex or emulsion or dispersion) and (filler or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:45
L10	1272	(acrylic or methacrylic or maleic) near acid same ((((\$4ethylene or \$4propylene or \$4methylene or \$4butylene) near2 (oxide or glycol) or ethoxylate or propoxylate or oxyethylene or oxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) or (polyoxyethylene or polyoxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) and (water or aqueous) with (latex or emulsion or dispersion) same (solid\$2 near content or mass or fraction or amount) and (filler or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:46
L11	64	(acrylic or methacrylic or maleic) near acid same ((((\$4ethylene or \$4propylene or \$4methylene or \$4butylene) near2 (oxide or glycol) or ethoxylate or propoxylate or oxyethylene or oxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) or (polyoxyethylene or polyoxypropylene) near2 (acrylate or methacrylate or maleic near2 acid)) same thicken\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 09:46

## EAST Search History

L12	435	(526/319.ccls. or 524/556.ccls. or 525/301.ccls. or 525/221.ccls. or 526/318.5.ccls. or 524/430.ccls. or 524/522.ccls. or 524/523.ccls.) and thicken\$4 and (water or aqueous) and (latex or emulsion) with solid\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:13
L13	259	(526/319.ccls. or 524/556.ccls. or 525/301.ccls. or 525/221.ccls. or 526/318.5.ccls. or 524/430.ccls. or 524/522.ccls. or 524/523.ccls.) and thicken\$4 and (water or aqueous) and (latex or emulsion) with solid\$2 with (percent or amount or content)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:14
L14	37	(526/319.ccls. or 524/556.ccls. or 525/301.ccls. or 525/221.ccls. or 526/318.5.ccls. or 524/430.ccls. or 524/522.ccls. or 524/523.ccls.) and thicken\$4 same associat\$4 and (water or aqueous) and (latex or emulsion) with solid\$2 with (percent or amount or content)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:49
L15	1357	thicken\$4 same (hydrophobic\$6 same alkali with soluble or swellable or hase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:52
L16	40	thicken\$4 same (hydrophobic\$6 same alkali with soluble or swellable or hase) and filler and latex with solid\$2 with (content or amount or percent or mass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:58
L17	36	l16 not l14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:55
L18	180	raghu\$8 and ge	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 10:56
L19	1	thicken\$4 same (hydrophobic\$6 same alkali with soluble or swellable or hase) same (acrylic or methacrylic or maleic) near acid same assoicative	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 10:59
L20	0	thicken\$4 same (hydrophobic\$6 same alkali with soluble or swellable or hase) same (acrylic or methacrylic or maleic) near acid same assoicative	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 10:59
L21	46	thicken\$4 same (hydrophobic\$6 same alkali with soluble or swellable or hase) same (acrylic or methacrylic or maleic) near acid same associative	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/08 11:00
S1	153	Shigeyasu near morihiro.in. or yukihiro near miyawaki.in. or takahiro near miwa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 07:41
S2	10	(Shigeyasu near morihiro.in. or yukihiro near miyawaki.in. or takahiro near miwa.in.) and thicken\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 11:14
S3	4587	(latex or emulsion or dispersion) and thicken\$4 and filler and solid adj (portion or content)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:44
S4	1016	thicken\$4 same (acrylic or methacrylic or maleic) adj acid same (\$4ethylene or \$4propylene or \$4methylene or \$4butylene) adj (oxide or glycol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:44
S5	71	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:13

## EAST Search History

S6	71	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:42
S7	5658	(high adj solid).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:55
S8	2217	(high adj solid).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:42
S9	814	(high adj solid).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:42
S10	6891	S7 or S8 or S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:43
S11	2	S5 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:43
S12	21463	(latex or emulsion or dispersion) and thicken\$4 and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S13	117	S12 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:45
S14	2	S13 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:44
S15	14	S13 and (thicken\$4 or rheolog\$6 or flow) adj control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:57
S16	7425	(high adj solid) with (coating or composition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:55
S17	7943	(high adj solid) with (coating or composition or paint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S18	572	S12 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S19	108692	(latex or emulsion or dispersion) and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:56
S20	1839	S19 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:57

## EAST Search History

S21	545	S20 and (thicken\$4 or rheolog\$6 or flow) adj control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:57
S22	15	S21 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:58
S23	2730	thicken\$4 same filler same (latex or emulsion or dispersion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 08:59
S24	44	S23 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:00
S25	18	S23 and S4 and solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:01
S26	35	"4764554"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:11
S27	32	"4764554" and solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:11
S28	20	"4764554" and solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:47
S29	359	aqueous adj emulsion adj paint	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 09:47
S30	30	aqueous adj emulsion adj paint same filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:25
S31	208	aqueous with emulsion adj paint and filler	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:26
S32	33	aqueous with emulsion adj paint and filler with amount	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:37
S33	2	aqueous with emulsion adj paint and filler near5 "%"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:41
S34	476	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler and high adj solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S35	1	((aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler and high adj solid adj content). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:43

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S36	3	((aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler and high adj solid adj content). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:43
S37	116	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler with amount and high adj solid adj content	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S38	212	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler with amount and high adj solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S39	272	(aqueous or waterborne or water) with (latex or emulsion or dispersion) and thicken\$4 and filler with (amount or content) and high adj solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:45
S40	14	S39 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:44
S41	105	((aqueous or waterborne or water) with (latex or emulsion or dispersion)).clm. and thicken\$4 and filler with (amount or content) and high adj solid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/25 10:45
S42	168	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:38
S43	0	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5 same (acrylic or methacrylic) adj acid same (\$4ethylene or \$4propylene or \$4butylene) near2 (glycol or oxide) near3 (acrylate or methacrylate or propene or vinyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:41
S44	1	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5 same (acrylic or methacrylic) adj acid same (\$4ethylene or \$4propylene or \$4butylene) near2 (glycol or oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:41
S45	25	(526/558.ccls. or 524/560.ccls. or 524/556.ccls. or 524/501.ccls.) and filler and (latex or binder) and thicken\$5 same (acrylic or methacrylic) adj acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/01 11:41
S46	4	("4138381").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/14 15:47
S47	0	("thicken\$4same(acrylicormethacrylicormaleic)nearacidsameassociatingadjmonomer\$2").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/14 15:48
S48	0	thicken\$4 same (acrylic or methacrylic or maleic) near acid same associating adj monomer\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:50
S49	3	(acrylic or methacrylic or maleic) near acid same associating adj monomer\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:49
S50	215324	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near oxide or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 acrylate or methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:53

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S51	215337	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 acrylate or methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:53
S52	100	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:06
S53	135	S52 and solid near\$5%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:54
S54	37	S52 and solid with \$3%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:56
S55	37	S52 and solid with \$2%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:56
S56	34	S52 and solid with (content or portion or amount)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:56
S57	41	(S55 or S56) and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:06
S58	8020	(acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:07
S59	594	"I20" and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:06
S60	5881	S58 and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:09
S61	2072	copolymer same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:07
S62	100	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:08
S63	209	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4alkylene) near (oxide or glycol) or (ethyleneoxy or alkyleneoxy) or (oxyethylene or oxypropylene or oxyalkylene)) near3 (acrylate or methacrylate or prop\$4 or but\$4 or vinyl or allyl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:08
S64	167	S63 and (filler or pigment or inorganic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:09
S65	44	S63 and (filler or pigment or inorganic) and (latex or emulison)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:09

## EAST Search History

S66	28	S63 and (filler or pigment or inorganic) and (latex or emulsion) and solid with (content or amount or portion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:10
S67	53	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (\$4ethylene or \$4propylene or \$4butylene) adj (oxide or glycol) near2 (acrylate or methacrylate or maleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:45
S68	55	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol) near2 (acrylate or methacrylate or maleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:47
S69	55	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol) near2 (acrylate or methacrylate or maleic) or associating near monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S70	33	S69 and (latex or emulsion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S71	1305	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same (((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol or (acrylate or methacrylate or maleic)) or associating near monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 15:59
S72	1314	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol or (acrylate or methacrylate or maleic)) or associat\$4 near monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:00
S73	263	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((((\$4ethylene or \$4propylene or \$4butylene) near2 (acrylate or methacrylate or maleic)) or associat\$4 near monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:01
S74	169	S73 and (latex or emulsion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S75	142	S74 not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S76	82	thicken\$4 same (acrylic or methacrylic or maleic) near2 acid same ((\$4ethylene or \$4propylene or \$4butylene) near2 (oxide or glycol) near2 (acrylate or methacrylate or maleic) or associati\$2 near monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S77	22	S76 and (latex or emulsion) not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 16:02
S78	170	thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S79	103	S78 and (latex \$2or latices)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S80	30	(thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))))).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26

## EAST Search History

S81	10	(thicken\$4 same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:26
S82	2	(thicken\$4).ti. same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 11:27
S83	75	(thicken\$4).ti. and (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:25
S84	170	(thicken\$4) same (acrylic or methacrylic or maleic) near acid same ((\$4ethylene or \$4propylene or \$4butylene) near3 (acrylate or methacrylate) or (hydrophob\$2 with macromer or macromonomer) or (associati\$4 near2 monomer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:26
S85	15	S84 and paint and latex near2 \$2polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:27
S86	17	S84 and latex near2 \$2polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 12:27
S87	10	S86 not S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:18
S88	31	polyphobe near "102"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:19
S89	761	latex with paint and (ethylene with vinyl near acetate or evac)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:20
S90	784	latex with paint and (ethylene with vinyl near acetate or evac or eva)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:20
S91	375	latex with paint and (vinyl near acetate with copolymer) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:22
S92	30	latex with paint and (vinyl near acetate with copolymer) same thickener same (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:21
S93	27	latex with paint and (vinyl near acetate with copolymer) same solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:22
S94	22	latex with paint and (vinyl near acetate with \$2polymer) same solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:41
S95	20	latex with (vinyl near acetate with \$2polymer) and paint with solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:52



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S96	0	latex with (vinyl near acetate with \$2polymer) and paint with high near solid near (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:54
S97	5	(vinyl near acetate with \$2polymer) and paint with high near3 solid near2 (portion or weight or wt\$2 or content) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:55
S98	5	(vinyl near acetate with \$2polymer) and paint with high near3 solid near2 (portion or weight or wt\$2 or content or mass) and thickener and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:55
S99	6	(vinyl near acetate with \$2polymer) and paint with high near3 solid near2 (portion or weight or wt\$2 or content or mass) and thicken\$4 and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:57
S10 0	64	(vinyl near acetate with \$2polymer) and (paint or coating) with high near3 solid near2 (portion or weight or wt\$2 or content or mass) and thicken\$4 and (filler or pigment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:57
S10 1	58	S100 not (S97 or S99)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/08 13:57
S10 2	3	hydrophobic near phase and superabsorbent near phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:15
S10 3	3788	hydrophobic and superabsorbent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:15
S10 4	188	hydrophobic with (medium or phase or component or compound) and superabsorbent with (medium or phase or component or compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:16
S10 5	42	hydrophobic with (medium or phase or component or compound) same superabsorbent with (medium or phase or component or compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:16
S10 6	5	hydrophobic with (medium or phase or component or compound) same continuous same superabsorbent with (medium or phase or component or compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:17
S10 7	35	hydrophobic with (medium or phase or component or compound) same (polymer\$2 or copolymer\$2 or resin\$3) same superabsorbent with (medium or phase or component or compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:22
S10 8	1109	hydrophobic with (medium or phase or component or compound or polymer\$2 or copolymer\$2 or resin\$3) and (superabsorbent or water near asbor\$6) with (medium or phase or component or compound or polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:24
S10 9	791	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) and (superabsorbent or water near asbor\$6) with (polymer\$2 or copolymer\$2 or resin\$3).	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:25
S11 0	120	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) same (superabsorbent or water near asbor\$6) with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:32

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S11 1	92	S110 not S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:25
S11 2	92	S111 not S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:25
S11 3	92	S112 not S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:25
S11 4	476	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) same (water or aqueous or latex or dispersion) and superabsorbent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:34
S11 5	349	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) same (water or aqueous or latex or dispersion) and superabsorbent with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:34
S11 6	287	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) same (water or aqueous or latex or dispersion) same (mix\$4 or add\$3) same (superabsorbent or water near absor\$6)with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:35
S11 7	301	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) same (water or aqueous or latex or dispersion) same (mix\$4 or add\$3 or combin\$4) same (superabsorbent or water near absor\$6)with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:35
S11 8	274	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) with (water or aqueous or latex or dispersion) same (mix\$4 or add\$3 or combin\$4) same (superabsorbent or water near absor\$6)with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:36
S11 9	274	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) with (water or aqueous or latex or dispersion) same (mix\$4 or add\$3 or combin\$4) same (superabsorbent or water near absor\$6) with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:36
S12 0	205	hydrophobic with (polymer\$2 or copolymer\$2 or resin\$3) with (water or aqueous or latex or dispersion) same (mix\$4 or add\$3 or combin\$4) with (superabsorbent or water near absor\$6) with (polymer\$2 or copolymer\$2 or resin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:37
S12 1	0	aqueous near mettalic near paint	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 10:53
S12 2	38	aqueous near metallic near paint	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 10:55
S12 3	13	aqueous near metallic near paint and metallic near pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:05
S12 4	4	hydrosolation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:18
S12 5	187	base near paint and metallic near pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:19

## EAST Search History

S12 6	40	base near paint with metallic near pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:25
S12 7	11	(aqueous or water) with base near paint with metallic near pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:26
S12 8	41	metallic near base near paint and metallic near pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:26
S12 9	32	(aqueous or water) and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:26
S13 0	0	metallic near base near paint and metallic near pigment and hydrosol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:27
S13 1	0	metallic near base near paint and hydrosol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:27
S13 2	0	metallic near base near paint and hydrosol\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:27
S13 3	9	metallic near3 paint and hydrosol\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:28
S13 4	5	metallic near3 paint and hydrosol\$6 and metallic near pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 11:28